

## 1999 ROUTINE MONITORING SEDIMENT RESULTS - metals

Sampling Date	Rivermile	Stream name/location/description	% <sup>3</sup>			ppm <sup>2</sup>										
			TOC <sup>1</sup>	Al	Ag	As	Cd	Cr	Cu	Hg	Ni	Pb	Sb	Se	Tl	Zn
		Effects Range-Low	>>>>>>	*	1	8.2	1.2	81	34	0.15	20.9	46.7	*	*	*	150
		Effects Range-Median	>>>>>>	*	3.7	70	9.6	370	270	0.71	51.6	218	*	*	*	410
<b>DAN RIVER AND TRIBUTARIES</b>																
10/28/99	4ABAN008.30	Banister River near Rt. 614	1.181	2.0	1.1	<0.5	0.084	66	31	0.18	32	16	<0.5	<0.5	<0.3	91
08/31/99	4ABAN012.46	Banister Lake near Dam	1.071	0.71	<0.02	<0.5	0.016	21	0.59	0.052	6.0	6.2	<0.5	<0.5	<0.3	48
07/13/99	4ACRR000.80	Cherrystone Creek near Chatham	2.847	1.8	0.49	<0.5	0.15	33	14	0.20	12	20	<0.5	<0.5	<0.3	93
09/21/99	4ADAN015.30	Dan River at South Boston near Rt. 501	0.511	1.3	0.23	<0.5	0.035	24	0.73	0.070	10	6.9	<0.5	<0.5	<0.3	56
09/01/99	4ADAN060.16	Dan River above Schoolfield Dam	2.273	2.4	0.34	4.3	0.24	42	15	0.21	12	26	<0.5	<0.5	<0.3	103
09/02/99	4AHYC002.70	Hyc0 River near Rt. 58	0.667	0.78	<0.02	<0.5	0.55	17	1.3	0.10	5.1	5.1	<0.5	<0.5	<0.3	60
08/25/99	4ALSN001.04	Lawsons Creek at Riverdale near Rt. 58	0.342	0.56	<0.02	<0.5	<0.01	21	<0.5	0.037	2.7	6.0	<0.5	<0.5	<0.3	29
07/15/99	4ANMR002.60	North Fork Mayo River near Rt. 629	2.718	2.1	<0.02	<0.5	0.049	40	<0.5	0.14	16	6.9	<0.5	<0.5	<0.3	73
08/24/99	4ARAC001.20	Reedy Creek in South Boston	0.652	0.60	<0.02	<0.5	0.011	20	<0.5	0.057	6.2	8.7	<0.5	<0.5	<0.3	48
07/15/99	4ASMR004.17	South Fork Mayo River near Rt. 695	4.108	0.079	0.16	<0.5	0.21	60	32	0.14	<0.1	23	<0.5	<0.5	<0.3	134
08/18/99	4ASRE019.00	Smith River, 3.5 mi downstream of Martinsville	0.258	0.66	0.12	<0.5	0.065	27	3.6	0.020	<0.1	4.3	<0.5	<0.5	<0.3	43
09/07/99	4ASRE046.90	Philpott Reservoir, Lower Lake	2.340	2.5	0.12	<0.5	0.17	46	27	0.079	21	13	<0.5	<0.5	<0.3	82
09/08/99	4ASRE055.62	Philpott Reservoir, Upper Lake	3.443	1.8	0.12	<0.5	0.13	61	66	0.071	<0.1	12	<0.5	<0.5	<0.3	116
08/18/99	4ASRE026.27	Smith River, downstream of Martinsville Dam	0.486	0.14	0.12	<0.5	0.025	30	4.1	0.019	14.0	12	<0.5	<0.5	<0.3	96

<sup>1</sup> TOC denotes Total Organic Content

<sup>2</sup> ppm denotes parts per million (dry weight basis)

<sup>3</sup> % denotes percent

<b>Al</b>	Aluminum	<b>Cu</b>	Copper	<b>Sb</b>	Antimony
<b>Ag</b>	Silver	<b>Hg</b>	Mercury	<b>Se</b>	Selenium
<b>As</b>	Arsenic	<b>Ni</b>	Nickel	<b>Tl</b>	Thallium
<b>Cd</b>	Cadmium	<b>Pb</b>	Lead	<b>Zn</b>	Zinc
<b>Cr</b>	Chromium				

Effects Range Low or Median not available